

OIPE

ENTERED

RAW SEQUENCE LISTING

PATENT APPLICATION: US/09/808,212A

DATE: 03/27/2002

TIME: 14:54:05

Input Set : A:\414us.app.txt

Output Set: N:\CRF3\03272002\I808212A.raw

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        Beckingham, Jennifer Ann
        Roberts, Sian Eleri
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15 <141> CURRENT FILING DATE: 2001-03-13
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40 Lys Ile Gln Thr Ala Glu Phe Lys Gly Thr Phe Glu Glu Ala Thr Ala
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44 Glu Ala Tyr Arg Tyr Ala Asp Leu Leu Ala Lys Val Asn Gly Glu Tyr
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47 aca gca gac tta gaa gat ggt gga aac cat atg aac att aaa ttt gct
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91 Thr Ile Lys Ala Asn Leu Ile Phe Ala Asn Gly Ser Thr Gln Thr Ala
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94 gaa ttc aaa gga aca ttt gaa aaa gca aca tca gaa gct tat gcg tat
95 Glu Phe Lys Gly Thr Phe Glu Lys Ala Thr Ser Glu Ala Tyr Ala Tyr
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99 Ala Asp Thr Leu Lys Lys Asp Asn Gly Glu Tyr Thr Val Asp Val Ala
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Input Set : A:\414us.app.txt
Output Set: N:\CRF3\03272002\I808212A.raw

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	Asn Leu Ile Tyr									
	-	Ala ASP GIY		III IIII AIA GIU						
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	aac tta atc tat				J J					
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192	aca ttt gaa gaa	gca aca gca	gaa gca t	ac aga tat gct	gac tta tta 144					
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DATE: 03/27/2002 RAW SEQUENCE LISTING PATENT APPLICATION: US/09/808,212A TIME: 14:54:05

Input Set : A:\414us.app.txt
Output Set: N:\CRF3\03272002\1808212A.raw

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197 Ala Lys Glu Asn Gly Lys Tyr Thr Val Asp Val Ala Asp Lys Gly Tyr 198												~~~			~~+	+ - +	100
198																	192
216 201 Thr Leu Asn Ile Lys Phe Ala Gly 202 65 70 205 <210> SEQ ID NO: 8 206 <211> LENGTH: 72 207 <212> TYPE: PRT 208 <213> ORGANISM: Peptostreptococcus sp. 210 <400> SEQUENCE: 8 211 Lys Glu Lys Thr Pro Glu Glu Pro Lys Glu Glu Val Thr Ile Lys Ala 212 1 5 10 15 213 Asn Leu Ile Tyr Ala Asp Gly Lys Thr Gln Thr Ala Glu Phe Lys Gly 214 20 25 30 215 Thr Phe Glu Glu Ala Thr Ala Glu Ala Tyr Arg Tyr Ala Asp Leu Leu 26 35 40 45 217 Ala Lys Glu Asn Gly Lys Tyr Thr Val Asp Val Ala Asp Lys Gly Tyr 218 50 55 60 219 Thr Leu Asn Ile Lys Phe Ala Gly 220 65 231 <211> LENGTH: 216 225 <212> TYPE: DNA 226 <213> ORGANISM: Peptostreptococcus sp. 227 <212> C212> TYPE: DNA 228 <220> FEATURE: 229 <221> NAME/KEY: CDS 230 <222> LOCATION: (1)(216) 231			GIU	Asn	GIA	ьys		Thr	vaı	Asp	vaı		ASP	гаг	GTÀ	туг	
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213 Asn Leu Ile Tyr Ala Asp Gly Lys Thr Gln Thr Ala Glu Phe Lys Gly 214 20 25 30. 215 Thr Phe Glu Glu Ala Thr Ala Glu Ala Tyr Arg Tyr Ala Asp Leu Leu 216 35 40 45 217 Ala Lys Glu Asn Gly Lys Tyr Thr Val Asp Val Ala Asp Lys Gly Tyr 218 50 55 60. 219 Thr Leu Asn Ile Lys Phe Ala Gly 220 65 70 223 <210> SEQ ID NO: 9 224 <211> LENGTH: 216 225 <212> TYPE: DNA 226 <213> ORGANISM: Peptostreptococcus sp. 228 <220> FEATURE: 229 <221> NAME/KEY: CDS 230 <222> LOCATION: (1)(216) 232 <400> SEQUENCE: 9 233 aaa gaa aaa aca cca gaa gaa cca aaa gaa g			Lys	Thr	_	GLU	GIU	Pro	гаг		GĻŪ	val	Thr	11e		Ala .	
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250 Thr Ile Asn Ile Arg Phe Ala Gly 251 65 70 254 <210> SEQ ID NO: 10 255 <211> LENGTH: 72			22+	2++		+++		~~+				. 00					216
251 65 70 254 <210> SEQ ID NO: 10 255 <211> LENGTH: 72					_												210
254 <210> SEQ ID NO: 10 255 <211> LENGTH: 72			ASII	тте	_		WTQ	атй									
255 <211> LENGTH: 72			יח די	NTO .		70							•				
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RAW SEQUENCE LISTING DATE: 03/27/2002
PATENT APPLICATION: US/09/808,212A TIME: 14:54:05

Input Set : A:\414us.app.txt

Output Set: N:\CRF3\03272002\I808212A.raw

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257 <213> ORGANISM: Peptostreptococcus sp.
259 <400> SEQUENCE: 10
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262 Asn Leu Ile Tyr Ala Asp Gly Lys Thr Gln Thr Ala Glu Phe Lys Gly
264 Thr Phe Ala Glu Ala Thr Ala Glu Ala Tyr Arg Tyr Ala Asp Leu Leu
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266 Ala Lys Glu Asn Gly Lys Tyr Thr Ala Asp Leu Glu Asp Gly Gly Tyr
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268 Thr Ile Asn Ile Arg Phe Ala Gly
272 <210> SEQ ID NO: 11
273 <211> LENGTH: 213
274 <212> TYPE: DNA
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277 <220> FEATURE:
278 <221> NAME/KEY: CDS
279 <222> LOCATION: (1)...(213)
281 <400> SEQUENCE: 11
282 aaa gaa aca cca gaa cca gaa gaa gat aca atc aaa gct aac tta
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283 Lys Glu Thr Pro Glu Pro Glu Glu Glu Val Thr Ile Lys Ala Asn Leu
                                        10
286 atc ttt gca gat gga agc aca caa aat gca gaa ttc aaa gga aca ttc
287 Ile Phe Ala Asp Gly Ser Thr Gln Asn Ala Glu Phe Lys Gly Thr Phe
                 20
                                     25
290 gca aaa gca gta tca gat gct tac gct tac gca gat gct tta aag aaa
291 Ala Lys Ala Val Ser Asp Ala Tyr Ala Tyr Ala Asp Ala Leu Lys Lys
294 gac aac gga gaa tat act gta gac gtt gca gat aaa ggc tta act tta
                                                                       192
295 Asp Asn Gly Glu Tyr Thr Val Asp Val Ala Asp Lys Gly Leu Thr Leu
296
        50
                             55
298 aat att aaa ttc gct ggt aaa
                                                                       213
299 Asn Ile Lys Phe Ala Gly Lys
300 65
303 <210> SEQ ID NO: 12
304 <211> LENGTH: 71
305 <212> TYPE: PRT
306 <213> ORGANISM: Peptostreptococcus sp.
308 <400> SEQUENCE: 12
309 Lys Glu Thr Pro Glu Pro Glu Glu Glu Val Thr Ile Lys Ala Asn Leu
310 1
311 Ile Phe Ala Asp Gly Ser Thr Gln Asn Ala Glu Phe Lys Gly Thr Phe
313 Ala Lys Ala Val Ser Asp Ala Tyr Ala Tyr Ala Asp Ala Leu Lys Lys
315 Asp Asn Gly Glu Tyr Thr Val Asp Val Ala Asp Lys Gly Leu Thr Leu
317 Asn Ile Lys Phe Ala Gly Lys
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VERIFICATION SUMMARY

PATENT APPLICATION: US/09/808,212A

DATE: 03/27/2002

TIME: 14:54:06

Input Set : A:\414us.app.txt
Output Set: N:\CRF3\03272002\I808212A.raw